

Refine Search

Search Results -

Term	Documents
"SONIC BATH"	0
"DISRUPTING CELLS"	0
("DISRUPTING CELLS" AND "SONIC BATH").PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3
("SONIC BATH" AND "DISRUPTING CELLS").PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L1

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Tuesday, June 01, 2004 [Printable Copy](#) [Create Case](#)

Set Name **Query**
 side by side

Hit Count **Set Name**
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L1 "sonic bath" and "disrupting cells"

3 L1

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 5374522 A

Using default format because multiple data bases are involved.

L1: Entry 1 of 3

File: USPT

Dec 20, 1994

US-PAT-NO: 5374522

DOCUMENT-IDENTIFIER: US 5374522 A

TITLE: Method for releasing RNA and DNA from cells

DATE-ISSUED: December 20, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Murphy; Kathleen A.	Spring Valley	CA		
Epstein; Barry D.	San Diego	CA		
Rosen; Ira G.	San Diego	CA		
Dean; Elizabeth D.	El Cajon	CA		

US-CL-CURRENT: 435/6; 241/2, 536/23.1, 536/25.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Attachments	Claims	KIMC	Draw Da
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☐ 2. Document ID: EP 978557 A2, CA 2277467 A1, JP 2000060549 A

L1: Entry 2 of 3

File: DWPI

Feb 9, 2000

DERWENT-ACC-NO: 2000-138768

DERWENT-WEEK: 200029

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TITLE: Method of disrupting cells using ultrasound avoiding rigorous physical shaking and the use of lysogenic agents, useful for lysing cells to access their cellular components

INVENTOR: COLLIS, M P; HARRIS, J M ; LITTLE, M C ; LLORIN, O J

PRIORITY-DATA: 1998US-0128340 (August 3, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 978557 A2</u>	February 9, 2000	E	013	C12N001/06

h e b b g e e e f e f e f b e

CA 2277467 A1	February 3, 2000	E	000	C12M001/42
JP 2000060549 A	February 29, 2000		028	C12N013/00

INT-CL (IPC): C12 M 1/42; C12 N 1/06; C12 N 1/20; C12 N 13/00; C12 R 1/32; C12 N 1/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: AU 8770404 A, JP 96013272 B2, JP 62236478 A, EP 288618 A, CA 1296604 C, JP 05068553 A, JP 93028599 B, EP 288618 B1, DE 3786661 G, US 5374522 A

L1: Entry 3 of 3

File: DWPI

Sep 24, 1987

DERWENT-ACC-NO: 1987-313999

DERWENT-WEEK: 199611

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TITLE: Disrupting cells to release RNA and DNA - by subjecting the cells to ultrasonic energy in the presence of beads

INVENTOR: DEAN, E D; EPSTEIN, B D ; MURPHY, K A ; ROSEN, I G ; DEAN, E ; EPSTEIN, B ; MURPHY, K ; ROSEN, I

PRIORITY-DATA: 1986US-0841860 (March 20, 1986), 1987EP-0303641 (April 24, 1987), 1987DE-3786661 (April 24, 1987), 1989US-0298765 (January 17, 1989), 1991US-0711114 (June 21, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 8770404 A	September 24, 1987		038	
JP 96013272 B2	February 14, 1996		010	C12N013/00
JP 62236478 A	October 16, 1987		000	
EP 288618 A	November 2, 1988	E	000	
CA 1296604 C	March 3, 1992		000	
JP 05068553 A	March 23, 1993		010	C12N013/00
JP 93028599 B	April 26, 1993		011	C12Q001/68
EP 288618 B1	July 21, 1993	E	017	C12N001/06
DE 3786661 G	August 26, 1993		000	C12N001/06
US 5374522 A	December 20, 1994		010	C12Q001/68

INT-CL (IPC): A47J 19/06; C07H 21/02; C12D 19/34; C12M 1/42; C12N 1/00; C12N 1/06; C12N 1/20; C12N 13/00; C12N 15/00; C12N 15/09; C12P 19/34; C12Q 1/04; C12Q 1/68; G01N 33/483; G01N 33/53; C12N 1/20; C12R 1/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

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Term

Documents

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> s sonic? and disrupt?(p)cell?

- 0* FILE ADISNEWS
- 15 FILE AGRICOLA
- 16 FILE ANABSTR
- 25 FILE AQUASCI
- 21 FILE BIOBUSINESS
- 0* FILE BIOCOMMERCE
- 437 FILE BIOSIS
- 262* FILE BIOTECHABS
- 262* FILE BIOTECHDS
- 215* FILE BIOTECHNO

12 FILES SEARCHED...

- 73 FILE CABA
- 102 FILE CANCERLIT
- 749 FILE CAPLUS
- 18* FILE CEABA-VTB
- 7 FILE CEN
- 0* FILE CIN
- 4 FILE CROPU
- 39 FILE DISSABS
- 3 FILE DDFB
- 6 FILE DDFU
- 14 FILE DGENE

25 FILES SEARCHED...

- 3 FILE DRUGB
- 41 FILE DRUGU
- 5 FILE EMBAL
- 342 FILE EMBASE
- 154* FILE ESBIODASE
- 25* FILE FEDRIP
- 0* FILE FOMAD
- 0* FILE FOREGE
- 9* FILE FROSTI

37 FILES SEARCHED...

- 34* FILE FSTA
- 75 FILE IFIPAT
- 21 FILE JICST-EPLUS
- 1* FILE KOSMET
- 157 FILE LIFESCI
- 0* FILE MEDICONF
- 374 FILE MEDLINE
- 4 FILE NIOSHTIC
- 16* FILE NTIS
- 0* FILE NUTRACEUT
- 3 FILE OCEAN
- 97* FILE PASCAL

52 FILES SEARCHED...

- 0* FILE PHARMAML
- 24 FILE PROMT
- 8 FILE RDISCLOSURE
- 252 FILE SCISEARCH
- 196 FILE TOXCENTER
- 12160 FILE USPATFULL

64 FILES SEARCHED...

- 528 FILE USPAT2
- 1 FILE VETB
- 3 FILE VETU
- 83 FILE WPIDS
- 1 FILE WPIFV
- 83 FILE WPINDEX

46 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L1 QUE SONIC? AND DISRUPT?(P) CELL?